How to scale or split your 3D model using Netfabb
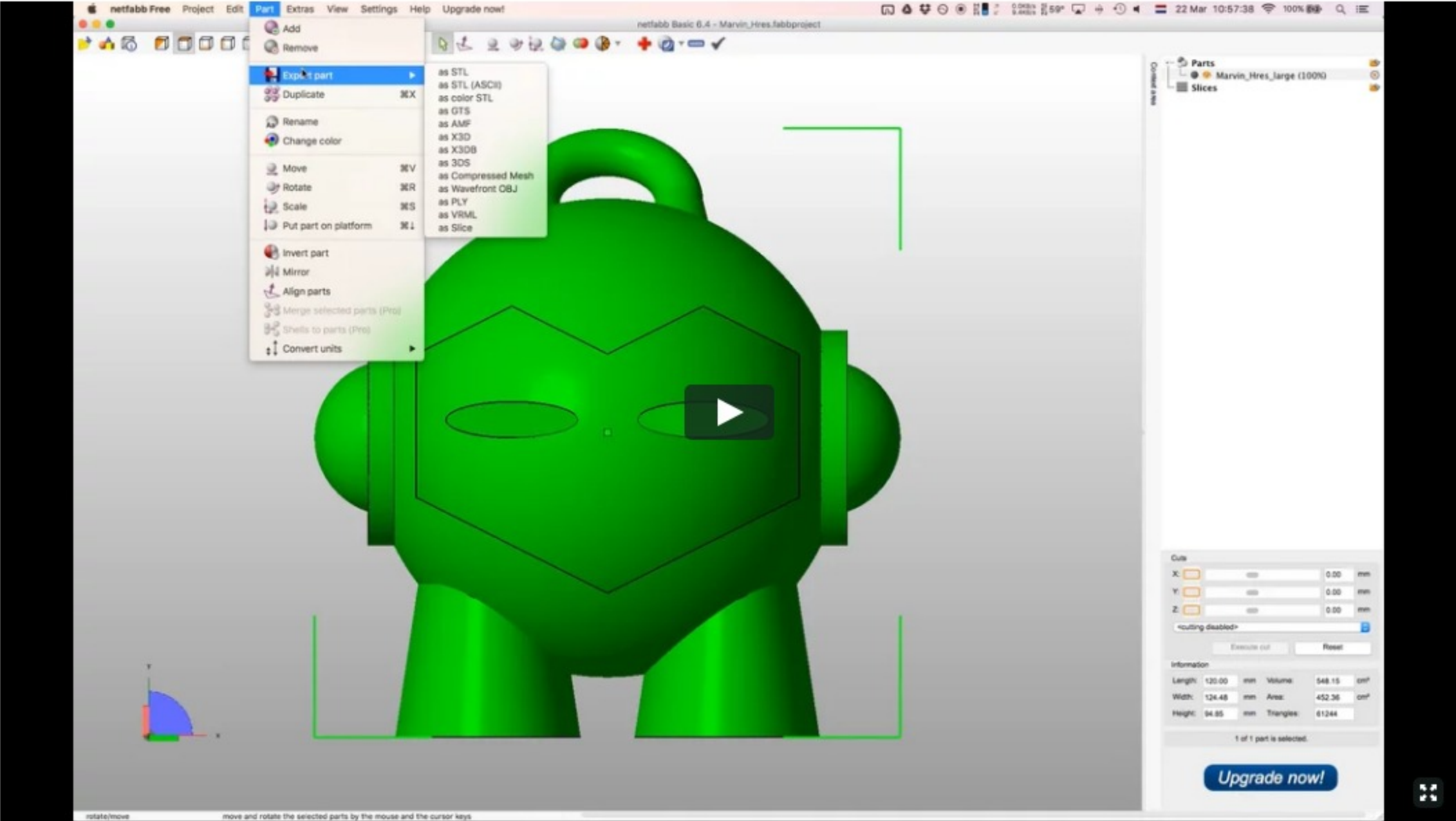
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If the size of your 3D file is too large you can either scale it down or split it up. Learn how to do this using Netfabb.

Scaling your 3D model in Netfabb

Pro tip: If the exact size of your model is not crucial, scaling it down is also a good way to make your 3D print cheaper.
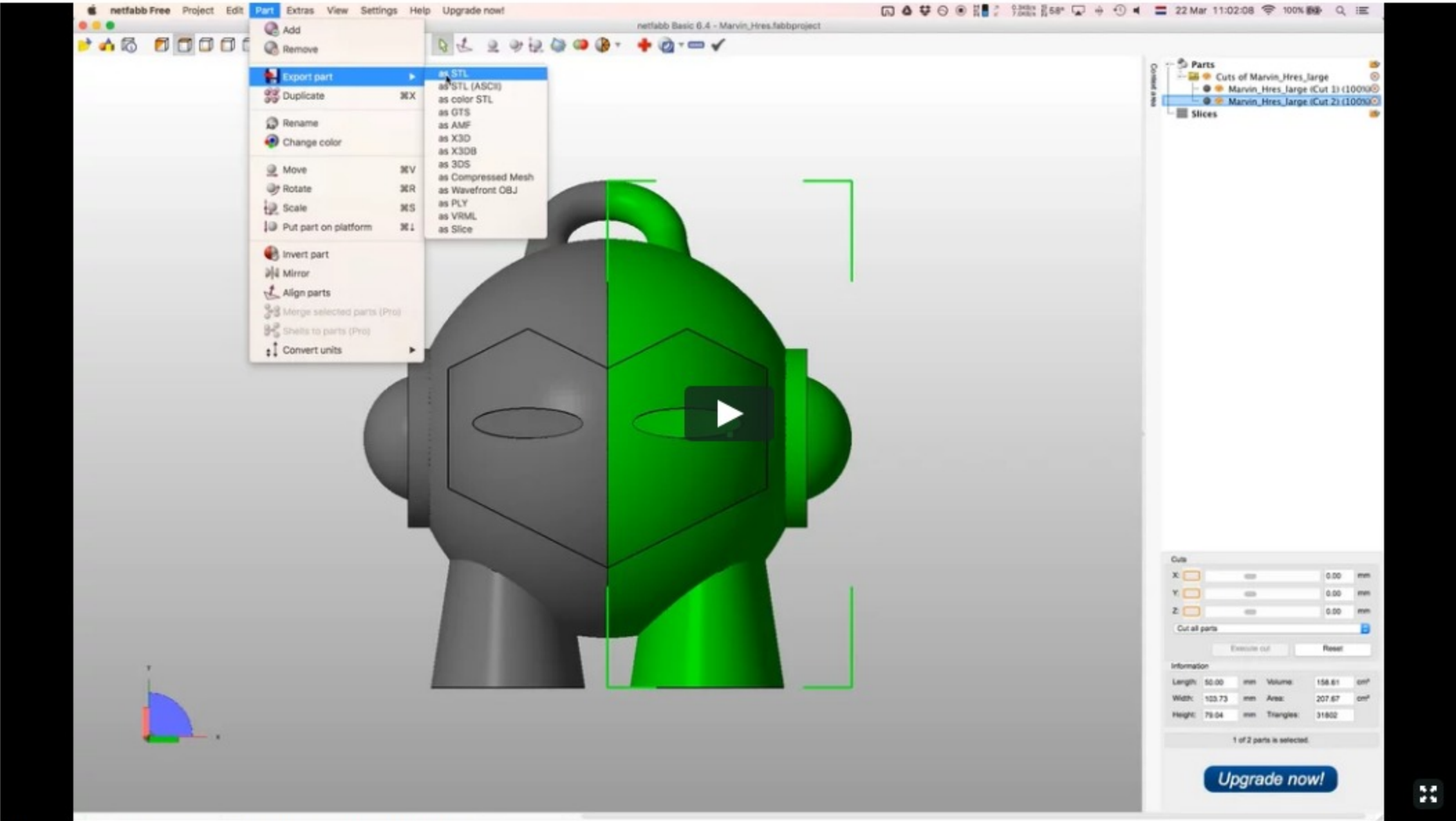

Video showing how to scale a 3D model in Netfabb

Step 1: Download Netfabb for free and install it on your computer.

Step 2: Open your model, click on the "Scale Part" button in the menu bar and adjust the size of your model. Netfabb uses the millimeter unit by default, but you can change this in the settings.

Step 3: Save your scaled model by going to the upper left of the user interface and navigate Part > Export Part > as STL (binary).

Step 4: Upload your design for 3D printing – but remember to specify the measurement units in mm, cm or inches within the file uploader.

Split your 3D model in NetFabb

Pro tip: Besides reducing the size of your model, splitting up your model can also help make your design less complex.

Video showing how to split a 3D model in Netfabb

Step 1: Download Netfabb for free and install it on your computer.

Step 2: Open your model in Netfabb. On the right side of the UI, there is a "Cuts" field with a slider for each of the X, Y and Z dimensions. As you move each slider back and forth, you'll notice a colored line moving–one for each axis.

Step 3: When you are happy with the placement, click on the 'Execute Cut' button. Note: If you moved more than one slider, it will proceed to ask you on which axis you would like to cut.

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